| // | ndex of Cla | aims |                             | Appli   | catio | on No.    |       | Applicant(s)  GOPAL ET AL. |          |  |  |  |  |
|----|-------------|------|-----------------------------|---------|-------|-----------|-------|----------------------------|----------|--|--|--|--|
|    |             |      |                             | 09/74   | 10,7° | 18        |       |                            |          |  |  |  |  |
|    |             |      |                             | Exam    | iner  |           |       |                            | Art Unit |  |  |  |  |
|    |             |      |                             | Frant   | z B.  | Jean      |       |                            | 2151     |  |  |  |  |
| 1  | Rejected    |      | (Through numer<br>Cancelled | al)     | N     | Non-Elec  | ted   | A                          | Appeal   |  |  |  |  |
| =  | Allowed     | ÷    | Restricted                  |         | ı     | Interfere | nce   | 0                          | Objected |  |  |  |  |
| L  | Date        |      | Claim                       | ]<br>D: | L     | L         | Claim | Ш                          | Date     |  |  |  |  |

| Cla          | im       | Date         |  |          |              |              |  |          |          | Cla | im  | Date     |          |          |                 |          |          |          |          |          |          | Cla       | aim | Date  |            |          |          |                |          |          |          |          |          |          |
|--------------|----------|--------------|--|----------|--------------|--------------|--|----------|----------|-----|-----|----------|----------|----------|-----------------|----------|----------|----------|----------|----------|----------|-----------|-----|-------|------------|----------|----------|----------------|----------|----------|----------|----------|----------|----------|
|              |          |              |  |          |              |              |  |          |          |     |     |          |          |          |                 | $\neg$   |          | $\neg$   | $\neg$   | П        | $\Box$   | $\exists$ | ,   |       |            |          |          |                | -        |          |          |          | $\neg$   | ヿ        |
| Final        | Original | 3/2/05       |  |          |              |              |  |          |          |     |     | Final    | Original |          |                 |          |          |          |          |          |          |           |     | Final | Original   |          |          |                | :        |          |          |          |          |          |
| 1            | 1        | =            |  | _        |              | -            | -  | H        |          |     |     |          | 51       |          | $\dashv$        | _        | -        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 101        | $\dashv$ | _        | $\dashv$       | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 2            | 2        | =            | Н  |          |              | -            |  | Н        | $\vdash$ |     |     |          | 52       |          | $\dashv$        | $\dashv$ | -+       | -        | $\dashv$ | +        | -        | $\dashv$  | ı   |       | 102        |          | $\dashv$ | $\dashv$       |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 3            | 3        | =            | H  |          |              |              |  | H        |          | _   |     |          | 53       |          | $\dashv$        | -        | -        | -        | $\dashv$ | $\dashv$ | +        | ╡         | ł   |       | 103        | $\dashv$ |          | $\dashv$       | _        | -        | $\vdash$ | -        | ┪        | $\dashv$ |
| 4            | 4        | =            | Н  | -        |              | $\vdash$     | $\vdash$   | Н        | -        |     |     |          | 54       | $\vdash$ | $\vdash$        |          | -        | -+       | $\dashv$ | $\dashv$ | +        | $\dashv$  | - 1 |       | 103        | $\dashv$ |          | -              | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 5            | 5        | =            | Н  | -        |              | $\vdash$     |  | Н        | -        |     |     |          | 55       | $\vdash$ | $\vdash$        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  |     |       | 105        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ |          |          | $\dashv$ | $\dashv$ |          |
| 6            | 6        | =            | Н  | -        | _            |              | H  | Н        | -        | _   |     |          | 56       |          | $\dashv$        |          | $\dashv$ | $\dashv$ | $\dashv$ | -+       | +        | ᅱ         |     |       | 106        | -        |          | -              | -        |          |          |          | $\dashv$ | $\dashv$ |
| 7            | 7        | =            | Н  |          |              |              | $\vdash$   | Н        |          |     |     |          | 57       | -        | $\vdash$        | -        | -        | $\dashv$ | +        | $\dashv$ | +        | ᅱ         |     |       | 107        |          |          | -              |          |          | -        | -        | -        | $\dashv$ |
| <b>-</b>     | 8        | -            | Н  |          |              |              | $\vdash$   | Н        |          |     |     |          | 58       |          | $\vdash$        | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  |     |       | 108        | -        | $\dashv$ |                | -        |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 8            | 9        | =            |  |          | _            |              | <u> </u>   | Н        |          |     |     |          | 59       | $\dashv$ | $\dashv$        | $\dashv$ |          | $\dashv$ | $\dashv$ | 十        | ┰        | ᅥ         |     |       | 109        |          |          |                | -:       |          |          | -        | -        | $\dashv$ |
| 9            | 10       | =            | H  |          | -            |              | -  | $\vdash$ |          |     |     | -        | 60       | $\vdash$ | -               | $\dashv$ |          | $\dashv$ | +        | ┪        | +        | $\dashv$  |     |       | 110        |          |          | $\vdash$       | -        | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 10           | 11       | =            | -  | -        | -            |              | -  | H        |          |     |     |          | 61       | $\vdash$ | -               |          | -        | $\dashv$ | -        | +        | +        | $\dashv$  | -   |       | 111        |          |          |                |          |          |          |          | $\dashv$ | $\dashv$ |
| 11           | 12       | =            | $\vdash$   |          |              |              | _  | Н        |          |     |     |          | 62       | Н        | $\vdash$        | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | - 1 |       | 112        |          |          |                |          |          |          | -        | $\dashv$ | -        |
| 12           | 13       | =            | $\vdash$   |          | H            | $\vdash$     | $\vdash$   | H        | H        |     | ,   |          | 63       | H        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  |     | -     | 113        | $\dashv$ | $\dashv$ |                | ÷        |          |          | $\dashv$ | -        |          |
| 13           | 14       | =            | $\vdash$   |          | —            | ⊢            |  | -        |          |     |     |          | 64       | $\vdash$ | $\dashv$        | ᆉ        | $\dashv$ | $\dashv$ |          | -        | +        |           |     |       | 114        |          |          |                |          |          | $\dashv$ | $\dashv$ | $\dashv$ | -        |
| 14           | 15       | =            | -  | $\vdash$ | Ι            | $\vdash$     | $\vdash$   | $\vdash$ | H        |     |     |          | 65       | $\vdash$ | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 115        |          |          | -              | -        |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
| 15           | 16       | =            | $\vdash$   | -        |              | -            | $\vdash$   | $\vdash$ |          |     |     |          | 66       | Н        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  | . } |       | 116        | $\dashv$ |          |                |          |          |          | $\dashv$ | $\dashv$ | -        |
| 16           | 17       | ٥            | -  | -        | -            | ├            | $\vdash$   | $\vdash$ | $\vdash$ |     |     |          | 67       |          |                 | ᅱ        | -        |          | -        | -        |          | $\dashv$  |     |       | 117        |          |          |                |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 10           | 18       | Ι-           | -  |          |              | ┝            | ┝  | -        |          |     |     |          | 68       | Н        | Н               | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 118        |          | $\dashv$ |                |          |          | $\dashv$ | $\dashv$ | $\dashv$ | _        |
|              | 19       | -            | -  |          | _            | <u> </u>     | <u> </u>   |          |          |     |     |          | 69       | Н        | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | i   |       | 119        |          | -        | .              |          |          |          | $\dashv$ | $\dashv$ | _        |
| <u></u>      | 20       | -            | H  | _        |              | <del> </del> | ├-   | $\vdash$ | ⊢        | _   |     |          | 70       | Н        | $\vdash$        |          |          |          | $\dashv$ | -+       | -+       |           |     |       | 120        |          | $\dashv$ | -              | -        |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 21       | ├            | -  |          | _            | -            | ┢  |          |          | _   | 33  |          | 71       | Н        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           |     |       | 121        |          | $\dashv$ |                |          |          | -        | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 22       | ├            | -  |          | -            | ├-           | -  | $\vdash$ | $\vdash$ | _   |     |          | 72       | Н        | $\dashv$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | $\dashv$ |           |     |       | 122        |          |          | $\dashv$       |          |          | -        |          |          | $\dashv$ |
|              | 23       | -            |  |          | -            | -            | -  |          |          |     |     | _        | 73       | Н        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | _         | 24  |       | 123        | -        | $\dashv$ | $\vdash$       | -        | -        | Н        | -        | $\dashv$ | $\dashv$ |
|              | 24       | -            | <u> </u>   | _        | <u> </u>     | -            | ├  | H        | $\vdash$ |     | 1,. |          | 74       | H        |                 |          |          | $\dashv$ | -        | -        | $\dashv$ | -         |     |       | 123        | $\dashv$ |          |                |          |          | Н        | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 25       | -            | $\vdash$   |          | _            | ⊢            | $\vdash$   |          | -        |     | 5.5 |          | 75       | H        | $\vdash$        | -        | -        | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  |     |       |            |          | -        | $\vdash$       | _        |          | Н        |          | $\dashv$ | $\dashv$ |
|              | 26       |              | <del> </del>                                     | _        | _            | -            | -  | ├        | $\vdash$ |     |     |          | 76       | Н        | $\vdash$        | $\dashv$ | -        |          | +        | $\dashv$ | $\dashv$ |           | 1   |       | 125        | $\dashv$ | -        |                | _        | -        |          |          | $\dashv$ | $\dashv$ |
|              | 27       | -            | _  | _        | _            | -            |  |          |          | _   |     |          | 77       | Н        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -         |     |       | 126<br>127 |          |          |                | _        |          | H        | -        | $\dashv$ | $\dashv$ |
| -            | 28       | -            | -  | _        | -            | ⊢            | -  |          | H        | _   |     |          |          | -        |                 |          |          |          | $\dashv$ | -        | $\dashv$ | _         |     |       |            | $\dashv$ |          |                |          | $\vdash$ |          |          | $\dashv$ | $\dashv$ |
|              | 29       |              | ⊢  | $\vdash$ | <u> </u>     |              | -  | Н        | $\vdash$ |     |     |          | 78<br>79 | Н        | $\vdash \vdash$ |          |          |          | -+       | -+       | -+       |           |     |       | 128<br>129 | _        | -        | -              | •        |          |          |          |          | $\dashv$ |
|              | 30       |              | H  |          | ⊢            | ⊢            | <del> </del>                                     |          | $\vdash$ |     |     |          | 80       | Н        | $\vdash \vdash$ | $\dashv$ |          |          |          | -        | +        |           |     |       |            |          | -        |                |          | _        |          |          | $\dashv$ | $\dashv$ |
|              | 31       | <u> </u>     | _  | _        | _            | H            | _  | H        | H        |     |     |          |          | -        |                 |          | -        | -        | -+       | -        | -        |           |     |       | 130        | $\dashv$ |          |                |          |          | Н        | -        | $\dashv$ | $\dashv$ |
|              | 32       | ⊢            | H  |          | $\vdash$     |              | $\vdash$   |          | _        |     |     |          | 81<br>82 | H        | $\vdash$        |          |          |          |          | $\dashv$ | $\dashv$ |           | .   |       | 131        |          | -        | -              |          |          | -        | -        | -        | $\dashv$ |
| <u> </u>     |          |              |  |          | _            | _            | -  |          | -        | _   |     |          |          | -        |                 | $\dashv$ | $\dashv$ | -        | -        | -        | -        |           | 1   |       | 132        | $\dashv$ |          |                |          |          | $\vdash$ | _        | $\dashv$ | $\dashv$ |
|              | 33<br>34 | -            |  |          | $\vdash$     | $\vdash$     | $\vdash$   | Н        | $\vdash$ |     |     |          | 83<br>84 | Н        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | _         | ı   |       | 133<br>134 | -        | $\dashv$ | $\vdash\vdash$ |          | -        | Н        | $\dashv$ |          | $\dashv$ |
| <u> </u>     | 35       | +            | $\vdash$   | $\vdash$ | -            | -            | -  | H        | $\vdash$ |     |     |          | 85       | $\vdash$ |                 |          |          |          | $\dashv$ | $\dashv$ | +        | -         | ļ   |       | 134        | $\dashv$ | $\vdash$ | $\vdash$       |          | $\vdash$ | $\vdash$ |          |          | $\dashv$ |
| <u> </u>     | 36       | <del> </del> | $\vdash$   |          |              | ├-           | _  | -        | -        |     |     | L        | 86       | Н        | $\vdash \vdash$ |          | $\dashv$ | -        | -+       | -+       | +        | $\dashv$  |     |       | 135        | $\dashv$ | $\vdash$ | $\vdash$       |          | $\vdash$ | $\vdash$ |          |          | $\dashv$ |
| <u> </u>     | 37       | $\vdash$     | $\vdash$   | $\vdash$ | <del> </del> |              |  | -        | $\vdash$ | _   |     |          | 87       | Н        | $\vdash \vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  |     |       | 136        |          |          | -              |          | $\vdash$ | $\vdash$ |          | $\dashv$ | $\dashv$ |
| <u> </u>     | 38       | -            | $\vdash$   | $\vdash$ | <u> </u>     | $\vdash$     | -  | H        | $\vdash$ |     |     |          | 88       | H        | $\vdash \vdash$ | $\dashv$ |          |          | -        | -        | +        |           |     | L     | 137        | $\vdash$ | Н        | $\vdash$       | _        | H        | $\vdash$ |          |          |          |
| <u> </u>     | 39       | -            | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | -        | $\vdash$ |     |     | $\vdash$ |          | Н        | $\vdash \vdash$ | -        |          | $\dashv$ | -        | -+       | $\dashv$ | $\dashv$  |     |       |            |          | $\vdash$ | $\vdash\dashv$ | -        | -        | -        |          |          | $\dashv$ |
| <u> </u>     | 40       | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ | -        | _   |     |          | 89<br>90 | $\vdash$ | ⊢               | -        |          |          |          | $\dashv$ | -        |           |     |       | 139<br>140 |          | H        | $\vdash$       |          | -        |          |          | $\dashv$ | $\dashv$ |
| <b></b> -    |          | $\vdash$     | $\vdash$   | $\vdash$ | <del> </del> | <del> </del> | <del> </del>                                     | $\vdash$ | $\vdash$ |     |     | -        |          | Н        | $\vdash \vdash$ | $\dashv$ |          |          | $\dashv$ | $\dashv$ |          |           |     |       |            |          | $\vdash$ | $\vdash$       | -        |          | Н        | $\vdash$ | $\dashv$ | $\dashv$ |
| <del> </del> | 41       | $\vdash$     | -  | $\vdash$ | <u> </u>     | ├            | <del>                                     </del> | -        |          |     |     | _        | 91       | Н        | $\vdash \vdash$ | $\dashv$ | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 141        |          |          | $\vdash$       |          | $\vdash$ | Н        | $\vdash$ |          | $\vdash$ |
| <u> </u>     | 42       | ⊢            | $\vdash$   | $\vdash$ | -            | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$ |     |     |          | 92       |          | $\vdash \vdash$ |          |          |          |          | -        |          |           |     |       | 142        | -1       |          | -              |          | _        | -        |          |          | -        |
| <b> </b>     | 43       | ├            | $\vdash$   | <u> </u> | <u> </u>     |              | ⊢  |          | $\vdash$ |     |     |          | 93       | H        | $\vdash$        | -        |          | -        |          | -+       | +        |           |     |       | 143        | $\dashv$ | $\vdash$ | $\dashv$       | Ŀ        | $\vdash$ | Ш        | $\vdash$ |          | $\dashv$ |
| <u> </u>     | 44       | ⊢-           | $\vdash$   |          | <u> </u>     | $\vdash$     | -  | -        | _        |     |     |          | 94       | Н        |                 |          |          | $\dashv$ | -        | $\dashv$ | +        |           |     |       | 144        | -        | -        |                | ·        | $\vdash$ | $\vdash$ | _        |          | $\vdash$ |
| Ь—           | 45       | $\vdash$     | H  | Ш        | ļ            | <u> </u>     | _  | $\vdash$ | $\vdash$ |     |     |          | 95       | Н        | Н               |          |          | -        | -        | -        | -+       |           |     |       | 145        | $\Box$   |          | Щ              | ļ.       |          | Ш        | _        | $\dashv$ | Щ        |
| <u> </u>     | 46       | -            | -  | $\vdash$ | ⊢            | $\vdash$     | $\vdash$   | $\vdash$ |          | _   |     |          | 96       |          | $\vdash$        |          |          |          |          |          | 4        |           |     |       | 146        |          | Ш        | $\vdash$       | Щ        | Щ        | Щ        | $\sqcup$ | _        | $\dashv$ |
| ├—           | 47       | $\vdash$     | <del>                                     </del> | <u> </u> | <u> </u>     | ⊢            | $\vdash$   | H        | <u> </u> |     |     | <u> </u> | 97       | Н        | $\vdash \vdash$ |          | -        | $\dashv$ | -        | -+       | +        |           |     |       | 147        |          |          | Ш              | Щ        | Н        | Щ        |          |          | $\vdash$ |
| <u> </u>     | 48       | $\vdash$     | $\vdash$   | $\vdash$ | <b> </b> -   | ⊢-           | $\vdash$   | H        |          |     |     |          | 98       | Н        | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ | -+       | -+       | ᅴ         |     |       | 148        |          | Щ        | $\sqcup$       | ·        | <u> </u> | Ш        |          |          | Н        |
| <u> </u>     | 49       | ├            | $\vdash$   | <u> </u> | <u> </u>     | $\vdash$     | -  | $\vdash$ | -        | L   | .   |          | 99       | Н        | $\vdash \vdash$ |          |          |          | $\dashv$ | $\dashv$ | _        |           |     |       | 149        |          | -        | Щ              | ·        | _        | <u> </u> |          | _        | Щ        |
|              | 50       | L_           | L  |          | L            | <u> </u>     |  | $\bot$   |          |     | j l |          | 100      |          | oxdot           |          |          |          | $\perp$  | _[       |          |           |     |       | 150        |          |          |                | ٠        |          |          |          |          | ┙        |